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(57) Abstract :

The present disclosure pertains to an apparatus 100 for sanitizing and sterilizing one or more objects, apparatus 100 including housing adapted to receive and accommodate the one or more objects. The housing includes a dispensing unit 108 configured to dispense one or more fluids on the received one or more objects, a first set of sensors 102 configured to detect the one or more objects , a second set of sensors 104 configured to detect the load parameters of the one or more objects, a set of magnetron assemblies 106 with one or more speed mode stirrers , a processing unit 110 configured to actuate the dispensing unit 108 based on the detected one or more objects and at least one of the magnetron assembly from the set of magnetron assemblies 106 based on the detected load parameters and facilitates in sanitization and sterilization of the one or more objects.

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